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NATIONAL ADVISORY COMMITTEE
FOR AERONAUTICS

1724 F Street, Northwest
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M.L. 266 (Monthly list of documents released by the NACA during May 1949)

Libraries in most of the important cities throughout the country, as well as libraries of schools, manufacturers, and other organizations dealing with aeronautics, are supplied copies of these publications for reference.

TECHNICAL NOTES

TN 1867 A Study of Effects of Heat Treatment and Hot-Cold-Work on Properties of Low-Carbon N-155 Alloy.
By: J. W. Freeman, E. E. Reynolds, D. N. Frey, and A. E. White.

TN 1868 Correlation of Pilot Opinion of Stall Warning with Flight Measurements of Various Factors Which Produce the Warning.
By: Seth B. Anderson.

TN 1871 A Mathematical Theory of Plasticity Based on the Concept of Slip.
By: S. B. Batdorf and Bernard Budiansky.

TN 1873 Subsonic Two-Dimensional-Flow Conditions near an Airfoil Determined by Static Pressures Measured at the Tunnel Wall.
By: Bernard N. Daley and Lillian E. Hanna.

TN 1874 Analysis of Altitude Compensation Systems for Aircraft Carburetors.
By: Edward W. Otto.

TN 1875 On Two-Dimensional Supersonic Flows.
By: Stefan Bergman.

TN 1876 Calculation of the Aerodynamic Loading of Flexible Wings of Arbitrary Plan Form and Stiffness.
By: Franklin W. Diederich.

TN 1877 Effects of Compressibility on Lift and Load Characteristics of a Tapered Wing of NACA 64-210 Airfoil Sections up to a Mach Number of 0.60.
By: F. E. West, Jr., and T. Himka.

TN 1878 Study of Unsteady Flow Disturbances of Large and Small Amplitudes Moving through Supersonic or Subsonic Steady Flows.
By: Robert V. Hess.

TN 1879 Critical Axial-Compressive Stress of a Curved Rectangular Panel with a Central Longitudinal Stiffener.
By: Murry Schildcrout and Manuel Stein.

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TN 1881 Comparison of Pitching Moments Obtained during Seaplane Landings with Values Predicted by Hydrodynamic Impact Theory.
By: Gilbert A. Haines.

TN 1889 Biaxial Fatigue Strength of 24S-T Aluminum Alloy.
By: Joseph Marin and William Shelson.

REPORTS

Rept. 864 Effects of Temperature Distribution and Elastic Properties of Materials on Gas-Turbine-Disk Stresses.
By: Arthur G. Holms and Richard D. Faldetta.

TECHNICAL MEMORANDUMS

TM 1161 Wind-Tunnel Tests on Various Types of Dive Brakes Mounted in Proximity of the Leading Edge of the Wing.
By: Bernardino Lattanzi and Erno Bellante.

TM 1201 Rotation in Free Fall of Rectangular Wings of Elongated Shape.
By: Paul Dupleich.

TM 1206 Systematic Investigations of the Effects of Plan Form and Gap between the Fixed Surface and Control Surface on Simple Flapped Wings.
By: Gothert and Rober.

TM 1213 Gas Motion in a Local Supersonic Region and Conditions of Potential-Flow Breakdown.
By: A. A. Nikolskii and G. I. Taganov.

TM 1214 Jet Diffusion in Proximity of a Wall.
By: D. Kuchemann.

TM 1224 Lame's Wave Functions of the Ellipsoid of Revolution.
By: J. Meixner.

TM 1225 Test Report on Three- and Six-Component Measurements on a Series of Tapered Wings of Small Aspect Ratio. (Partial Report: Trapezoidal Wing).
By: Lange/Wacke

TM 1229 Heat Transmission in the Boundary Layer.
By: L. E. Kalikhman.

TM 1230 Effect of the Acceleration of Elongated Bodies of Revolution upon the Resistance in a Compressible Flow.
By: F. I. Frankl.